| L Number  |  |  | DB                   | Time stamp           |
|---|--|--|----------------------|----------------------|
| 1   | 3049   | electrode near8 (working and reference)  | USPAT;               | 2003/02/12 07:2      |
|   |  |  | US-PGPUB;            |                      |
| 2   | 105  | /ologhmed v  | DERWENT              |                      |
| 2   | 103  |  | USPAT;               | 2003/02/12 07:4      |
|   |  | and (sam or "self assembling" or "self assembled")   | US-PGPUB;            |                      |
| 3   | 36   |  | DERWENT              |                      |
| Ŭ   | 30   |  | USPAT;               | 2003/02/12 07:0      |
|   |  | and (sam or "self assembling" or "self   | US-PGPUB;            |                      |
| 4   | 77   | assembled")) and (sulfhydryl or sulfonate) ((electrode near8 (working and reference))  | DERWENT              |                      |
|   | 1  | and (sam or "self assembling" or "self   | USPAT;               | 2003/02/12 07:0      |
|   |  | assembled")) and redox   | US-PGPUB;            |                      |
| 5   | 30   |  | DERWENT              | 0000/00/10 05 0      |
|   |  | reference)) and (sam or "self assembling"  | USPAT;               | 2003/02/12 07:2      |
|   |  | or "self assembled")) and (sulfhydryl or   | US-PGPUB;<br>DERWENT | ŀ                    |
|   |  | sulfonate)) and (((electrode near8   | DEKWENI              |                      |
|   |  | (working and reference)) and (sam or "self   |                      |                      |
|   |  | assembling" or "self assembled")) and  |                      |                      |
|   |  | redox)   |                      |                      |
| 6   | 14   | ((electrode near8 (working and reference))   | USPAT;               | 2003/02/12 07:2      |
|   |  | and (sam or "self assembling" or "self   | US-PGPUB;            | 2003/02/12 07:2      |
|   | 0  | assembled")) and electrode near3 (opposing   | DERWENT              |                      |
| m   |  | or opposite)   |                      | •                    |
| 7   | 22   | ((electrode near8 (working and reference))   | USPAT;               | 2003/02/12 07:2      |
|   |  | and (sam or "self assembling" or "self   | US-PGPUB;            | = 1 10, 02, 22 0, 12 |
|   |  | assembled")) and electrode near3 (spacer   | DERWENT              |                      |
| 0   |  | or spacing)  |                      |                      |
| 8   | 2  | (((electrode near8 (working and  | USPAT;               | 2003/02/12 07:2      |
|   |  | reference)) and (sam or "self assembling"  | US-PGPUB;            |                      |
|   |  | or "self assembled")) and electrode near3  | DERWENT              |                      |
|   |  | (opposing or opposite)) and (((electrode   |                      |                      |
|   |  | near8 (working and reference)) and (sam or   |                      | Φ.                   |
|   |  | "self assembling" or "self assembled"))  |                      |                      |
| 10  | 2  | and electrode near3 (spacer or spacing))   |                      |                      |
|   | -  | (((electrode near8 (working and  | USPAT;               | 2003/02/12 07:2      |
|   |  | reference)) and (sam or "self assembling"  | US-PGPUB;            |                      |
|   |  | or "self assembled")) and electrode near3 (opposing or opposite or facing)) and  | DERWENT              |                      |
|   |  | (((electrode near8 (working and  |                      |                      |
|   |  | reference)) and (sam or "self assembling"  |                      |                      |
|   |  | or "self assembled")) and electrode near3  |                      |                      |
|   |  | (spacer or spacing))   |                      |                      |
| 1   | 1  | (((electrode near8 (working and  | IICDAM.              | 2002/00/10 07 0      |
|   |  | reference)) and (sam or "self assembling"  | USPAT;<br>US-PGPUB;  | 2003/02/12 07:2      |
|   |  | or "self assembled")) and electrode near3  | DERWENT              |                      |
|   |  | (opposing or opposite or facing)) not  | DEKMENT              |                      |
|   |  | (((electrode near8 (working and  |                      |                      |
|   |  | reference)) and (sam or "self assembling"  |                      |                      |
|   |  | or "self assembled")) and electrode near3  |                      |                      |
|   |  | (Opposing or opposite))  |                      |                      |
| 1   | 15   | ((electrode near8 (working and reference))   | USPAT;               | 2003/02/12 07:26     |
|   |  | and (sam or "self assembling" or "self   | US-PGPUB;            |                      |
|   |  | assembled")) and electrode near3 (opposing   | DERWENT              |                      |
| ^   |  | or opposite or facing)   |                      |                      |
| 2   | 36186  | electrode near8 (opposing or facing)   | USPAT;               | 2003/02/12 07:27     |
|   |  |  | US-PGPUB;            | 2000, 02, 12 0, .2,  |
| 2   |  |  | DERWENT              |                      |
| 3   | 185  | (electrode near8 (opposing or facing)) and   | USPAT;               | 2003/02/12 07:31     |
|   |  | (sam or "self assembling" or "self   | US-PGPUB;            | , ,                  |
| 4   |  | assembled")  | DERWENT              |                      |
| -1  | 175  | ((electrode near8 (opposing or facing))  | USPAT;               | 2003/02/12 07:27     |
|   |  | and (sam or "self assembling" or "self   | US-PGPUB;            |                      |
|   | 1  | assembled")) not ((electrode near8   | DERWENT              |                      |
|   | ł  | (working and reference)) and (sam or "self   |                      |                      |
|   | 26   | assembling" or "self assembled"))  |                      |                      |
| 5   | 20   | (((electrode near8 (opposing or facing))   | USPAT;               | 2003/02/12 07:32     |
| 5   |  | and (sam or "self assembling" or "self   | US-PGPUB;            |                      |
| 5   |  |  |                      | -                    |
| 5   |  | assembled")) not ((electrode near8   | DERWENT              | •                    |
| 5   |  | (working and reference)) and (sam or "self"  | DERWENT              |                      |
| S and the same of | Manager and the same and the sa | assembled")) not ((electrode near8 (working and reference)) and (sam or "self assembling" or "self assembled"))) and electrode near3 (spacer or spacing) | DERWENT              |                      |

| T 4 C |       |  |                                |                  |
|-------|-------|--|--------------------------------|------------------|
| 16    | 39017 | (electrode near8 (working and reference)) or (electrode near8 (opposing or facing))  | USPAT;<br>US-PGPUB;            | 2003/02/12 07:31 |
| 17    | 280   | ((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and (sem or "solf prophling"   | DERWENT<br>USPAT;<br>US-PGPUB; | 2003/02/12 07:31 |
| 18    | 36    | and (sam or "self assembling" or "self assembled") (((electrode near8 (working and   | DERWENT                        | 2222/22/22       |
|       |       | reference)) or (electrode near8 (opposing or facing))) and (sam or "self assembling" or "self assembled")) and redox same enzyme   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:41 |
| 19    | 9     | ((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and (sam or "self assembling" or "self assembled")) and redox same enzyme) and electrode near3 (spacer or spacing)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:41 |
| 20    | 66    | ((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:40 |
| 21    | 24    | (((electrode near8 (working and<br>reference)) or (electrode near8 (opposing<br>or facing))) and electrode near8 (sam or<br>"self assembling" or "self assembled"))<br>and redox same enzyme   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:41 |
| 22    | 4     | ((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")) and redox same enzyme) and electrode near3 (spacer or spacing)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:42 |
| 23    |       | (((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled"))   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:42 |
| 24    | 13    | and electrode near3 (spacer or spacing) ((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")) and electrode near3 (spacer or spacing)) not ((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")) and redox same enzyme) and electrode near3 (spacer or spacing)) | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:42 |
|       |       | (((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")) and electrode near3 (spacer or spacing)) not ((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or "self assembling" or "self assembled")) and redox same enzyme) and electrode near3 (spacer or spacing))) and enzyme                            | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:43 |
| 25    | 1.0   | (((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or 'self assembling" or "self assembled")) and electrode near3 (spacer or spacing)) not (((((electrode near8 (working and reference)) or (electrode near8 (opposing or facing))) and electrode near8 (sam or 'self assembling" or "self assembled")) and redox same enzyme) and electrode near3  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/12 07:43 |
|       | (     | spacer or spacing))) and redox   |                                |                  |
|       |       |  |                                |                  |